

I claim:

1. A flotation device comprising:

- 5 -a right flotation pad;
- a center flotation pad being connected to said right flotation pad by a first strap;
- a left flotation pad being connected to said center flotation pad by a second strap;
- a right leg strap having a first end connected to said right flotation pad and a second end connected to said center flotation pad;
- 10 -a left leg strap having a first end connected to said left flotation pad and a second end connected to said center flotation pad.

2. The flotation device of claim 1 further comprising:

- 15 -a lower strap attached at a first end to the right flotation pad and attached at a second end to said left flotation pad;
- and wherein said lower strap is inserted through a first loop in said second end of said left leg strap and a second loop in said second end of said right leg strap.

20 3. The flotation device of claim 2 wherein said first strap, second strap, right leg strap and left leg strap are coated with a polyurethane compound.

4. The flotation device of claim 3 further comprising:

-first means, operatively attached to said right leg strap, for adjusting the length of the right leg strap.

5. The flotation device of claim 4 further comprising:

5 -second means, operatively attached to said left leg strap, for adjusting the length of the left leg strap.

6. The flotation device of claim 1 wherein said center flotation pad has a D-ring on a first side and wherein the flotation device further comprises a safety line attached to said D-ring and 10 wherein said safety line has a coated dielectric layer encapsulating a webbing core.

7. The floatation device of claim 6 wherein said coated dielectric layer comprises a polyurethane coating.

15 8. A safety vest device comprising:

-a right foam panel;
-a center foam panel being connected to said right foam panel by a first shoulder strap;
-a left foam panel being connected to said center foam panel by a second shoulder strap;
-a right leg strap having a first end and a second end, and wherein said first end is connected to said right foam panel and said second end is connected to said center foam panel;

-a left leg strap having a first end and a second end, and wherein said first end is connected to said left foam panel and said second end is connected to said center foam panel;

-means for attaching said right foam panel to said left foam panel, and wherein said attaching means is positioned on a front side of said right foam panel and on a front side of said left foam panel.

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9. The safety vest device of claim 8 further comprising:

-a ring member attached to a back side of said center foam panel so that said ring member is positioned radially opposite said attaching means, and wherein said ring member is configured to attach to a safety line.

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10. The safety vest device of claim 9 further comprising:

-a lower strap attached at a first end to the right foam panel and attached at a second end to said left foam panel;

-and wherein said lower strap is inserted through a first loop in said second end of said left leg strap and through a second loop in said second end of said right leg strap.

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11. The safety vest device of claim 10 further comprising:

first means, operatively attached to said right leg strap, for adjusting the length of
20 the right leg strap.

12. The safety vest device of claim 11 further comprising:

-second means, operatively attached to said left leg strap, for adjusting the length of the left leg strap.

13. The safety vest device of claim 8 wherein said safety line has a coated layer
5 encapsulating a webbing core.

14. The safety vest device of claim 13 wherein said coated layer comprises a polyurethane
coating.

10 15. A safety vest apparatus comprising:

-a left foam pad with a first strap attached thereto;
-a center foam pad having a D-ring on a first side, and wherein said first strap
attaches said left foam pad with said center foam pad;
-a right foam pad with a second strap operatively attached thereto, and wherein said
15 right foam pad is attached to said center foam pad with said second strap;
-a left harness strap attached at a first end to said left foam pad and attached at a
second end to said center foam pad, and wherein said left harness strap forms a left loop;
-a right harness strap attached at a first end to said right foam pad and attached at a
second end to said center foam pad, and wherein said right harness strap forms a right loop.

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16. The apparatus of claim 15 further comprising:

-a safety line attached to said D-ring, and wherein said safety line comprises:

- a shock absorber means for absorbing an initial force to said safety line;
- a webbing core encapsulated with a dielectric material to absorb an electrical current applied to said safety line and wherein said dielectric material is a polyurethane compound.

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17. A safety lanyard comprising:

- a shock absorber means for absorbing an initial force;
- a webbing core attached to said shock absorber means, and wherein said webbing core is encapsulated with a dielectric material;

10 -a first hook member that is attached to a safety harness member;

 -a second hook member that is attached to support structure.

18. A process for producing a safety lanyard comprising:

- pulling a webbing material through a die;
- extrusion blow molding a coating by the die about the webbing material;
- attaching a shock absorber means to a first end of the coated webbing material;
- attaching a first hook to said shock absorber means;
- attaching a second hook to a second end of the coated webbing material so that a safety lanyard is produced.

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